

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A fence for use with a woodworking tool ~~such as one of a table saw, band saw, radial arm saw, miter saw, drill press, and router~~ for altering materials, where the woodworking tool includes a working surface on which the ~~materials~~ materials are altered and the woodworking surface including at least one elongated slot, the fence comprising:

an elongated body having a top end including an attachment receiving top end slot, a front face including at least one attachment receiving front slot, and a back face opposed to the front face and including an attachment receiving back slot;

a planar face integrally extending outwardly and upwardly, from approximately the intersection of the top end and back face, in an angular manner in relation to the fence body; and

a measurement device seated on the planar face.

2. (Currently amended) The fence of claim 1 wherein the front face includes an attachment receiving top front slot and an attachment receiving bottom front slot, ~~and~~ wherein the back face includes the back slot and a tapered slot having a tapered surface adjacent to and open to the back face that narrows to a well portion and wherein a locking tab projects adjacent the well portion.

3. (Original) The fence of claim 2 wherein the top front slot, the bottom front slot, the top end slot and the back slot are T-shaped grooves.

4. (Currently amended) The fence of claim 3 wherein each T-shaped ~~grooves~~ groove includes a first portion adjacent to and open to the respective surface of the top end, front face and back face the groove is cut in, and a second portion that is adjacent to and of a larger cross section than the first portion.

5. (Currently amended) The fence of claim 1 wherein the front face includes a top front slot and a bottom front slot, and wherein the top front slot, the bottom front slot, the top end slot and the back slot are plus-shaped grooves.

6. (Original) The fence of claim 5 wherein the plus-shaped grooves include a first portion adjacent to and open to the respective surface of the top end, front face and back face the groove is cut in, a second portion that is adjacent to and of a larger cross section than the first portion, and a third portion adjacent to and of a smaller cross section than the second portion, and wherein the first and second portions define an outer shoulder, and the second and third portions define an inner shoulder in each slot.

7. (Currently amended) The fence of claim 6 further comprising an attachment such as one of a clamp, miter gauge, stop, guide, jig, and fixture where the attachment includes a T-fastener comprising a threaded shaft terminating in a head of a diameter larger than the shaft and further including a lock ring threaded on the shaft and of a diameter larger than the shaft whereby rotation of the threaded shaft causes axial movement of the lock ring on the threaded shaft so as to allow the lock ring to be pulled tightly against ~~an~~ the outer shoulder in one of the plus-shaped ~~groove~~ grooves as the threaded shaft is rotated.

8. (Currently amended) ~~The fence of claim 7 further comprising~~ A fence for use with a woodworking tool for altering materials, where the woodworking tool includes a working surface on which the materials are altered and the working surface includes at least one elongated slot, the fence comprising:

an elongated body having a top end including a top end plus-shaped groove, a front face including at least one front plus-shaped groove, and a back face opposed to the front face and including a back plus-shaped groove; the plus-shaped grooves including a first portion adjacent to and open to the respective surface of the top end, front face and back face the groove is cut in, a second portion that is adjacent to and of a larger cross section than the first portion, and a third portion adjacent to and of a smaller cross section than the second portion, and wherein the first and second portions define an outer shoulder, and the second and third portions define an inner shoulder in each slot;

a planar face integrally extending outward, from approximately the intersection of top end and back face, in an angular manner in relation to the fence body;

a measurement device seated on the planar face;

an attachment such as one of a clamp, miter gauge, stop, guide, jig and fixture where the attachment includes a T-fastener comprising a threaded shaft terminating in a head of a diameter larger than the shaft and further including a lock ring threaded on the shaft and of a diameter larger than the shaft whereby rotation of the threaded shaft causes axial movement of the lock ring on the threaded shaft so as to allow the lock ring to be pulled tightly against an outer shoulder in the plus-shaped groove as the threaded shaft is rotated; and

a locking device for securing the fence to the woodworking tool, the locking device including a translating rod with an enlarged head on one end thereof that is insertable through an anchor hole in the locking device, and further including a handle whereby pivotal movement of the handle causes axial motion of the translating rod within the anchor hole such that the enlarged head when positioned within the elongated slots of the working face is moved from a unlocked to a locked position within the elongated slot, and the locking device further including a T-fastener comprising a threaded shaft terminating in a head of a diameter larger than the shaft and further including a lock ring threaded on the shaft and of a diameter larger than the shaft whereby rotation of the threaded shaft causes axial movement of the lock ring on the threaded shaft so as to allow the lock ring to be pulled tightly

against an outer shoulder in the plus-shaped groove as the threaded shaft is rotated.

9. (Currently amended) The fence of claim 8 wherein the back face includes a tapered slot ~~has~~ having a tapered surface adjacent to and open to the back face that narrows to a well portion that includes a locking tab extending inward into the well.

10. (Currently amended) ~~The fence of claim 2 wherein the tapered slot has~~ A fence for use with a woodworking tool for altering materials, where the woodworking tool includes a working surface on which the materials are altered and the woodworking surface including at least one elongated slot, the fence comprising:

an elongated body having a top end including a top end slot, a front face including a top front slot and a bottom front slot, and a back face opposed to the front face and including a back slot and a tapered slot having a tapered surface adjacent to and open to the back face that narrows to a well portion that includes a locking tab extending inward into the well;

a planar face integrally extending outward, from approximately the intersection of top end and back face, in an angular manner in relation to the fence body; and

a measurement device seated on the planar face.

11. (Currently amended) The fence of claim 10 wherein one of ~~the locking device~~
a locking device for securing the fence to the woodworking tool and the elongated
body includes at least one threaded port with a threaded insert therein which may
be extended therefrom to forcibly and securably tilt the locking device and
elongated body in relation to one another.

12. (Original) The fence of claim 10 wherein a hose collar and vacuum hose are
attached within the tapered slot.

13. (Currently amended) The fence of claim 6 further comprising a stop of an
inverted L-shaped design that includes a T-fastener comprising a threaded shaft
terminating in a head of a diameter larger than the shaft and further including a lock
ring threaded on the shaft and of a diameter larger than the shaft whereby rotation
of the threaded shaft causes axial movement of the lock ring on the threaded shaft
so as to allow the lock ring to be pulled tightly against ~~an~~ the outer shoulder in one
of the plus-shaped ~~groove~~ grooves as the threaded shaft is rotated.

14. (Currently amended) A woodworking tool for altering materials, comprising:
a working surface on which materials are altered, the surface including at
least one elongated slot;

a fence including a top end and opposed bottom end, and a front face and
opposed back face, the fence further including a plurality of attachment receiving

grooves therein where at least one groove is in each of the top end, front face and back face, and the fence further including a measurement device extending outward from the top end; and

a locking device for securing the fence to the woodworking tool, the locking device being attachable to the fence and including a translating rod with an enlarged head on one end thereof, the rod being insertable through an anchor hole in the locking device, and further including a handle whereby pivotal movement of the handle causes axial motion of the translating rod within the anchor hole such that the enlarged head is movable within the at least one elongated slot of the working surface between an unlocked position and a locked position whereby the locking device is secured to the working surface ~~via one of the plurality of attachment receiving grooves and attachable to the working surface via the at least one elongated slot.~~

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15. (Currently amended) The woodworking tool of claim 14 wherein the measurement device extends outwardly and upwardly from approximately ~~approximate~~ the intersection of the top end and back face in an angular manner in relation to the fence.

16. (Original) The woodworking tool of claim 14 wherein the plurality of attachment receiving grooves include a plurality of T-shaped grooves.

17. (Original) The woodworking tool of claim 16 wherein the T-shaped grooves include a first portion adjacent to and open to the respective surface of the top end, front face and back face the groove is cut in, and a second portion that is adjacent to and of a larger cross section than the first portion.

18. (Original) The woodworking tool of claim 14 wherein the plurality of attachment receiving grooves include a plurality of plus-shaped grooves.

19. (Original) The woodworking tool of claim 18 wherein the plus-shaped grooves include a first portion adjacent to and open to the respective surface of the top end, front face and back face the groove is cut in, a second portion that is adjacent to and of a larger cross section than the first portion, and a third portion adjacent to and of a smaller cross section than the second portion, and wherein the first and second portions define an outer shoulder, and the second and third portions define an inner shoulder in each slot.

20. ~~The wood working tool of claim 19 wherein~~ A woodworking tool for altering materials, comprising:

a working surface on which materials are altered, the surface including at least one elongated slot;

a fence including a top end and opposed bottom end, and a front face and opposed back face, the fence further including a plurality of attachment receiving

grooves therein where at least one groove is in each of the top end, front face and back face, and the fence further including a measurement device extending outward from the top end; the plurality of attachment receiving grooves including a plurality of plus-shaped grooves including a first portion adjacent to and open to the respective surface of the top end, front face and back face the groove is cut in, a second portion that is adjacent to and of a larger cross section than the first portion, and a third portion adjacent to and of a smaller cross section than the second portion, and wherein the first and second portions define an outer shoulder, and the second and third portions define an inner shoulder in each slot; and

a locking device attachable to the fence via one of the plurality of attachment receiving grooves and attachable to the working surface via the at least one elongated slot; the locking device further comprises comprising a translating rod with an enlarged head on one end thereof that is insertable through an anchor hole in the locking device, and further including a handle whereby pivotal movement of the handle causes axial motion of the translating rod within the anchor hole such that the enlarged head when positioned within the at least one elongated slot slot of the working face is moved from a from an unlocked to a locked position within the at least one elongated slot.

21. (New) The fence of claim 1 wherein the planar face is a surface of a member which extends from the intersection of the top end and back face.

22. (New) The fence of claim 21 wherein the member is a wing which angles upwardly and outwardly from the intersection of the top end and back face.

23. (New) The fence of claim 1 wherein one of a locking device for securing the fence to the woodworking tool and the elongated body includes at least one threaded port with a threaded insert therein which may be extended therefrom to forcibly and securably tilt the locking device and elongated body in relation to one another.

24. (New) The fence of claim 1 wherein each slot is an attachment receiving slot.

25. (New) A fence for use with a woodworking tool for altering materials, where the woodworking tool includes a working surface on which the materials are altered and the woodworking surface including at least one elongated slot, the fence comprising:

an elongated body having a front face for guiding the materials to be altered and a back face opposed to the front face and including a tapered slot for affixing an attachment to the elongated body.

26. (New) The fence of claim 25 wherein the tapered slot has a tapered surface adjacent to and open to the back face that narrows to a well portion; and wherein a locking tab projects adjacent the well portion for holding the attachment to the elongated body.

27. (New) The fence of claim 26 wherein the back face includes an attachment receiving back slot in addition to the tapered slot.

28. (New) The fence of claim 26 wherein the front face includes at least one attachment receiving front slot.

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29. (New) The fence of claim 26 wherein a top end includes an attachment receiving top end slot.

30. (New) The fence of claim 26 wherein the elongated body has a top end including an attachment receiving top end slot, the front face includes an attachment receiving front slot, and the back face includes an attachment receiving back slot.

31. (New) The fence of claim 30 wherein the front face includes an attachment receiving top front slot and an attachment receiving bottom front slot.

32. (New) A fence for use with a woodworking tool for altering materials, the woodworking tool including a working surface on which the materials are altered, the working surface defining at least one elongated slot, the fence comprising:

an elongated body; and

a locking device for securing the elongated body to the woodworking tool, wherein one of the elongated body and the locking device defines at least one threaded port with a threaded insert therein which may be extended therefrom to forcibly and securably tilt the locking device and elongated body in relation to one another.

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33. (New) The fence of claim 32 wherein the elongated body has a front face and a back face opposed to the front face and an attachment receiving groove is formed in the back face by which the locking device is secured to the elongated body.

34. (New) The fence of claim 33 wherein the at least one port includes a pair of threaded ports with respective threaded inserts therein, the pair of ports being disposed on opposite sides of the attachment receiving groove.

35. (New) The fence of claim 33 wherein the elongated body has a top end and wherein an attachment receiving groove is formed in each of the top end and front face.

36. (New) The fence of claim 32 wherein the locking device defines the at least one threaded port.

37. (New) A fence for use with a woodworking tool for altering materials, where the woodworking tool includes a working surface on which the materials are altered and the working surface defines at least one elongated slot, the fence comprising:

an elongated body; and

a locking device for securing the elongated body to the woodworking tool, the locking device including a translating rod with an enlarged head on one end thereof, the rod being insertable through an anchor hole in the locking device, and further including a handle whereby pivotal movement of the handle causes axial motion of the translating rod within the anchor hole such that the enlarged head is movable within the at least one elongated slot of the working surface between an unlocked position and a locked position whereby the locking device is secured to the working surface.

38. (New) The fence of claim 37 wherein the elongated body includes a top end, a front face and an opposed back face having an attachment receiving groove therein; and wherein the locking device is attachable to the fence via the attachment receiving groove.

39. (New) The fence of claim 38 wherein at least one attachment receiving groove is formed in each of the top end, front face and back face.

40. (New) The fence of claim 38 wherein the attachment receiving groove is plus-shaped and the locking device further includes a T-fastener comprising a threaded shaft terminating in a head of a diameter larger than the shaft and further including a lock ring threaded on the shaft and of a diameter larger than the shaft whereby rotation of the threaded shaft causes axial movement of the lock ring on the threaded shaft so as to allow the lock ring to be pulled tightly against an outer shoulder in the plus-shaped groove as the threaded shaft is rotated.

41. (New) The fence of claim 37 wherein the handle includes a cam surface whereby the pivotal movement of the handle causes the axial motion of the translating rod.
